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Eindhoven (NL). **JOHNSON, Mark, T.** [GB/NL]; c/o Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(74) Agent: **ROLFES, Johannes, G., A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

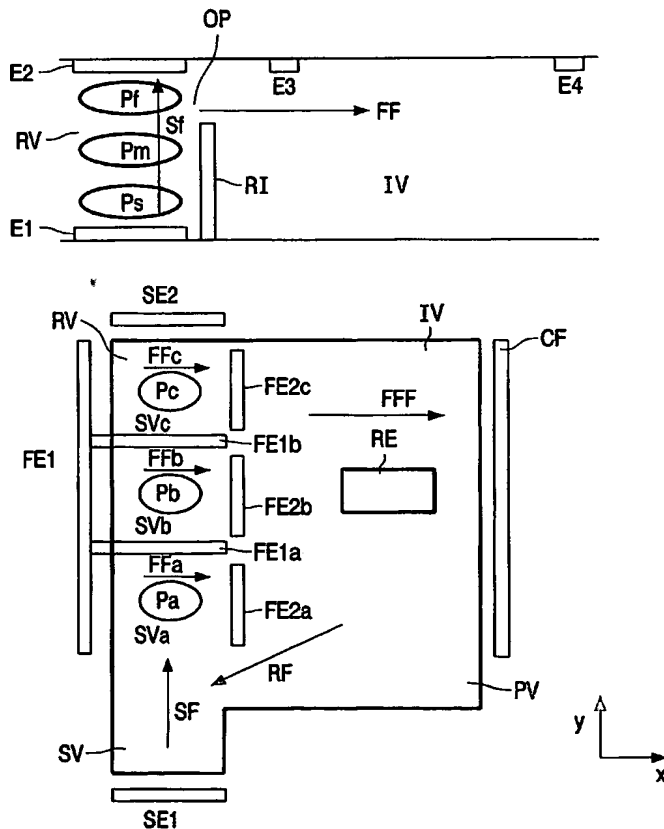
(72) Inventors; and

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(75) Inventors/Applicants (for US only): **SCHLANGEN, Lucas, J., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA

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(54) Title: A COLOR ELECTROPHORETIC DISPLAY



(57) Abstract: A color electrophoretic display has pixels which each comprise an image volume (IV) and a reservoir volume (RV). Different types of particles (Pf, Pm, Ps; Pa, Pb, Pc) which have different colors and different electrophoretic mobilities are present in each one of the pixels. The particles (Pf, Pm, Ps; Pa, Pb, Pc) which are present in the image volume (IV) determine a visible color of the pixel (10), and the particles (Pf, Pin, Ps; Pa, Pb, Pc) which are present in the reservoir volume (RV) do not contribute to the visible color of the pixel (10). The color electrophoretic display is driven to operate either in: a first mode wherein all the types of particles (Pf, Pin, Ps; Pa, Pb, Pc) contribute to a change of color of at least some of the pixels, or a second mode wherein only a subset of the types of particles (Pf, Pin, Ps; Pa, Pb, Pc) contribute to the change of the color of at least some of the pixels.

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